

# Converting Colors

Hex(AFA62C)

Have a look what the booklet for  
Hex(AFA62C) contains.

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# Color

Hex(AFA62C)

# Conversions

## Conversions Part 1

Format	Color
Hex	AFA62C
RGB	175, 166, 44
RGB Percent	69%, 65%, 17%
CMY	0.3137, 0.3490, 0.8275
CMYK	0.00, 0.05, 0.75, 0.31
HSL	56°, 60%, 43%
HSV	56°, 75%, 69%
XYZ	31.7700, 36.5682, 7.7668
YIQ	154.7830, 44.5260, -36.0340

# Conversions

## Conversions Part 2

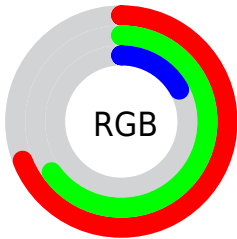
Format	Color
<b>RYB</b>	54, 175, 44
Decimal	11511340
CIELab	66.95, -10.55, 60.08
CIELCh	67, 60.995, 99.961
Yxy	36.5682, 0.4174, 0.4805
Android (android.graphics.Color)	4289701420 (0xFFAFA62C)
YUV	154.7830, -54.6160, 17.7303
Hunter-Lab	60.4717, -12.0468, 34.7152

# Details

The Hex color **AFA62C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2C35AF**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E9DD63**, and **777200** is the 20% darker color. If you saturate the color by 10%, you get **AFA51B**, and if you desaturate by 10%, it is **AFA73E**.

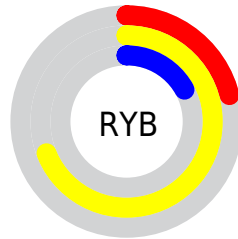
# Distribution



Red (69%)

Green (65%)

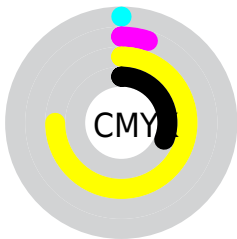
Blue (17%)



Red (21%)

Yellow (69%)

Blue (17%)

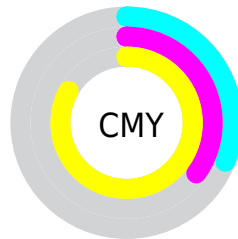


Cyan (0%)

Magenta (5%)

Yellow (75%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFA62C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color AFA62C by changing the saturation by 10% instead.



 AFA62C

 AFA62C

FFFFFF

 938C06

 E9DD63

 777200

 FFF97E

 5C5A00

 FFFF99

 414300

 FFFFB5

 282D00

 FFFFD2

 0C1900

 FFFFEE

 000000

 AFA62C

 AFA62C

 AFA51B

 AFA73E

 AFA409

 AFA84F

 AFA300

 AFAA61

 AFAB72

 AFAC84

 AFAD95

 AFAEA7

 AFB0B8

 AFB1CA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DE9338



AFA62C



73B349

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AFA62C



00BBE8



F377CA

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



AFA62C



2C35AF

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BE8DF8



AFA62C



00B3FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AFA62C



00BEB4



58A3FF



FF7093

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AFA62C



37B969



58A3FF



E57DDB



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



AFA62C



E3E0B1



AF2C37



737155



F2F2F2



737373



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



AFA62C



E3D517



78AF2C



57564E



968C00



171500



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2C35AF



1725E3



632CAF



4E4F57



000A96



000217



# Previews

## White Background



This preview shows how the Hex color AFA62C looks on a white background.

## Color Contrast Check

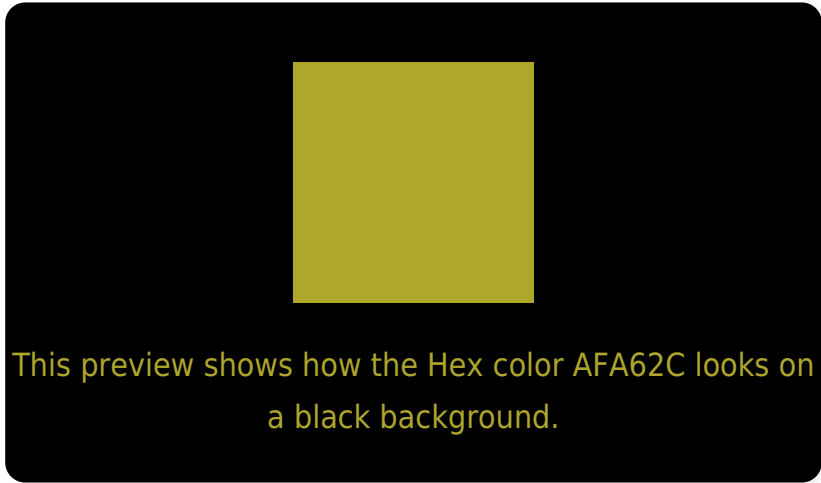
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFA62C Background



This preview shows how black text looks on a background with the Hex color AFA62C.



This preview shows how white text looks on a background with the Hex color AFA62C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
AFA62C

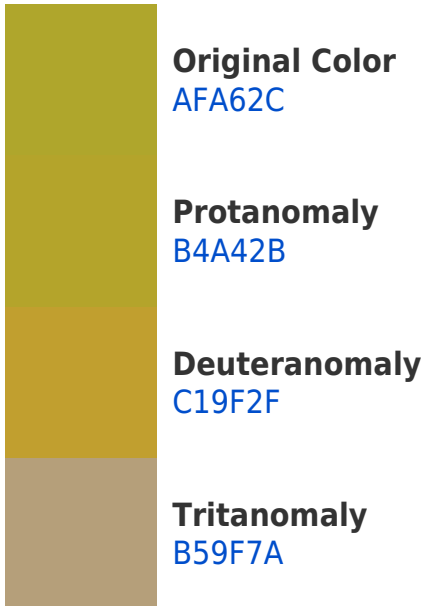
**Protanopia**  
B7A32B

**Deuteranopia**  
CC9B31



**Tritanopia**  
B99BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFA62C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #AFA62C looks like.

```
.text, #text, p{  
    color:#AFA62C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #AFA62C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFA62C
}
```

## Border

The CSS property to change the border of an element to Hex AFA62C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AFA62C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#AFA62C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #AFA62C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFA62C; -webkit-box-shadow:4px 4px  
4px 4px #AFA62C; box-shadow:4px 4px 4px  
4px #AFA62C }
```

# Background

The CSS property to change the background color of an element to Hex AFA62C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFA62C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#AFA62C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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